



College of Engineering

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Date: 31 January 2011

To: Randy Smith
Vice Provost, Office of Academic Affairs

From: Ed McCaul 
Program Director, Undergraduate Education and Student Services

Subject: Semester Conversion Proposal for the BS Degree in Architecture

Attached is a letter from Ann Pendleton-Jullian, Director Knowlton School of Architecture, which discusses their BS degree in Architecture. This proposal has been reviewed by the College of Engineering and after some changes have been made to it the college is recommending that the Council on Academic Affairs approve it. If you have any questions concerning this proposal please let me know.

Date: 28 January 2011

From: Ann Pendleton-Jullian, Director
Knowlton School of Architecture



To: Ed McCaul, Program Director
Academic Affairs/Student Services
College of Engineering

Subject: Architecture Semester Conversion Materials

The Architecture Section within the Knowlton School of Architecture is submitting the portion(s) of its semester conversion program templates that are checked below:

- BS in Architecture program template
- Master of Architecture program template
- Appendices that include:
 - a proposal for a new undergraduate minor in Architecture

I endorse the contents of the enclosed program template(s). If you need further clarification or have any questions regarding the submitted materials, please do not hesitate to contact me and Architecture Section Head Mike Cadwell. Note that the Knowlton School of Architecture does not have a uniform GE curriculum across its three Sections. Each Section develops a GE curriculum consistent with its particular undergraduate major program.

Bachelor of Science in Architecture

Primary contact: Michael Cadwell, Section Head (cadwell.1; 2-3174)

I. GENERAL PROGRAM INFORMATION

1. **Name of the Program:** Architecture
2. **Degree title:** Bachelor of Science in Architecture
3. **Academic unit(s) responsible for administrating the degree program:**
Knowlton School of Architecture
4. **Type of Program**
 - a. Undergraduate bachelor's degree program
5. **Semester Conversion Designation:**
 - b. Converted with minimal changes to program goals and/or curricular requirements

II. PROGRAM REQUIREMENTS

6. **List program learning goals:**

The following program learning goals are consistent with and drawn from the National Architectural Accrediting Boards (NAAB) guidelines.

Critical Thinking and Representation: Architects must have the ability to build abstract relationships and understand the impact of ideas based on research and analysis of multiple theoretical, social, political, economic, cultural and environmental contexts. This ability includes facility with the wider range of media used to think about architecture including writing, investigative skills, speaking, drawing and model making.

Integrated Building Practices, Technical Skills and Knowledge: Architects are called upon to comprehend the technical aspects of design, systems and materials, and be able to apply that comprehension to their services. Additionally they must appreciate their role in the implementation of design decisions, and the impact of such decisions on the environment.

Leadership and Practice: Architects need to manage, advocate, and act legally, ethically and critically for the good of the client, society and the public. This includes collaboration, business, and leadership skills.

7. Proposed Program Requirements:

Required Courses (74 credit hours, including 15 GE credit hours; * denotes a GE course)

History

- ARCH 1100 Survey, 1
- ARCH 1210 Outlines of the Built Environment (cross-listed with LARCH 1210), 3
- ARCH 5110 History of Architecture I, 4*
- ARCH 5120 History of Architecture II, 4*

Theory

- ARCH 5210 Forms of Architectural Theory, 3

Design

- ARCH 1410 Introduction to Design (cross-listed with LARCH 1410), 4
- ARCH 2410 Architectural Design I, 6
- ARCH 2420 Architectural Design II, 6
- ARCH 3410 Architectural Design III, 6
- ARCH 3420 Architectural Design IV, 6
- ARCH 4410 Architectural Design V, 6
- ARCH 4420 Architectural Design VI, 6

Construction

- ARCH 5510 Building Construction I, 3
- ARCH 5520 Building Construction II, 3

Graphics

- ARCH 5610 Architectural Representation I, 3*
- ARCH 5620 Architectural Representation II, 3

Structures

- ARCH 5710 Introduction to Architectural Structures, 4*

Systems

- ARCH 5810 Environmental, Mechanical, and Electrical Systems in Architecture, 3

Arch Electives (6 credit hours required)

- ARCH 1220 Contours of Architecture, 3
- ARCH 5190 Topics in Architectural History, 3
- ARCH 5290 Topics in Architectural Theory, 3
- ARCH 5390 Topics in Social and Economic Factors in Architecture, 3
- ARCH 5590 Topics in Building Technology, 3
- ARCH 5690 Topics in Architectural Description, 3
- ARCH 5798 Study Tour, 1-15
- ARCH 5960 Design Competition (cross-listed with CRP/LARCH 5960), 3
- ARCH 7310 Practice of the Design Professions, 3

GE Courses (51 total external GE credit hours; 66 total including ARCH internal GEs)

Course options within each GE course type will be defined within a list of qualified GE courses once other university programs/courses are approved.

ULAC Recommended		BS ARCH Requirement		
Course Type	Hours	Course Type	Hours	Notes
Writing Level 1	3	Writing Level 1	3	
Writing Level 2	3	Writing Level 2	3	
Literature	3	Literature	3	
Arts	3	ARCH 5610	3	A
Math or Logic	3	MATH 1150	5	
		MATH 1118	3	
Data Analysis	3	Architecture Curriculum	---	B
Biological Science	3+	Biological Science	5	
Physical Science	3+	ARCH 5710	4	C
		PHYS 1200 or 1250	5	
Historical Study	3	ARCH 5110	4	D
		ARCH 5120	4	
Social Science 1	3	Social Science 1	3	
Social Science 2	3	Social Science 2	3	
Culture & Ideas or Historical Study	3	Culture & Ideas	3	
Open option	3	Open option	15	
Open option	3			
Language proficiency level	0-12	Language proficiency level	---	E
Capstone	---			
		Total	66	

Note	Description
A	Architectural Graphics I (converted to ARCH 5610: Representation I) was approved for Arts GEC credit under quarters.
B	The overall Architecture major curriculum was approved to meet the Data Analysis GEC requirement under quarters.
C	The combination of Introduction to Architectural Structures (ARCH 5710 under semesters) and PHYS 111 or PHYS 131 was approved for Physical Science GEC credit under quarters. Under semesters, the Physics prerequisite for application to the program will be either PHYS 1200 or 1250.
D	Under quarters, the three course Architectural History sequence (a total of 12 credit hours) was approved for History GEC credit for Architecture majors. Under semesters, this sequence converts to two Architectural History courses (a total of 8 credit hours).
E	Language courses are not required by the Section.

8. Provide a curriculum map that shows how, and at what level (e.g., beginning, intermediate, advanced), the program's courses facilitate students' attainment of program learning goals. I=Introduce, E=Enhance, A=Apply.

The following program learning goals are consistent with and drawn from the National Architecture Accrediting Boards (NAAB) guidelines.

Critical Thinking and Representation

Required Architecture Course	Communication skills	Design Thinking Skills	Visual Communication	Technical Documentation	Investigative Skills	Fundamental Design Skills	Use of Precedents	Ordering Systems Skills	Historical Traditions and Global Culture	Cultural Diversity	Applied Research
ARCH 1100 Survey											
ARCH 1210 Outlines of the Built Environment	I									I	
ARCH 1410 Intro to Design			I			I		I	I		
ARCH 2410 Architecture Design I	I	I	I		I	I	I	I			
ARCH 2420 Architecture Design II	I	I	I		I	E	E	I		I	
ARCH 3410 Architecture Design III	E	E	E	I	E	E	E	E	E		
ARCH 3420 Architecture Design IV	E	E	E	I	E	E	E	E	E	I	I
ARCH 4410 Architecture Design V	A	A	A	E	A	A	A	A	E	E	E
ARCH 4420 Architecture Design VI	A	A	A	E	A	A	A	A	E	E	E
ARCH 5110* History of Architecture I	I	I			I		I	I	I	I	I
ARCH 5120* History of Architecture II	E	E			E		E	E	E	E	I
ARCH 5190 Architectural Theory I	E	E			E	E	E	E	E		
ARCH 5510 Building Construction I	I	I	I	E	I	I			I		I
ARCH 5520 Building Construction II	E	E	E	A	E	E					E
ARCH 5610* Representation I		I	I		I						
ARCH 5620* Representation II		E	E	E							
ARCH 5710 Structures I		I		I	I	I			I		I
ARCH 5810 Systems I	I	I		I	I	I			I		I

* Indicates required course is a GE.

Integrated Building Practices, Technical Skills, and Knowledge

Required Architecture Course	Pre-Design	Accessibility	Sustainability	Site Design	Life Safety	Comprehensive Design	Financial Considerations	Environmental Systems	Structural Systems	Building Envelope Systems	Building Service Systems	Building Materials and Assemblies
ARCH 1100 Survey												
ARCH 1210 Outlines of the Built Environment												
ARCH 1410 Intro to Design												
ARCH 2410 Architecture Design I		I	I	I	I							
ARCH 2420 Architecture Design II		I	I	I	I							
ARCH 3410 Architecture Design III		E	E	E	E	I			I	I		I
ARCH 3420 Architecture Design IV		E	E	E	E	E			I	I	I	I
ARCH 4410 Architecture Design V	I	A	A	A	E	E			I	I	I	I
ARCH 4420 Architecture Design VI	E	A	A	A	A	E		I	E	E	E	E
ARCH 5510 Building Construction I		E	E		E	E	I			A		A
ARCH 5520 Building Construction II			A		E	E	I			A		A
ARCH 5610* Representation I												
ARCH 5620 Representation II												
ARCH 5110* History of Architecture I			I									
ARCH 5120* History of Architecture II			I									
ARCH 5190 Architectural Theory I												
ARCH 5710* Structures I			I		I	E			A			
ARCH 5810 Systems I		E	E	E	E	E	I	A			A	

* Indicates required course is a GE.

Leadership and Practices

Required Architecture Course	Collaboration	Human Behavior	Client Role in Architecture	Project Management	Practice Management	Leadership	Legal responsibilities	Ethics and Professional	Community and Social
ARCH 1100 Survey									
ARCH 1210 Outlines of the Built Environment		I							
ARCH 1410 Intro to Design		I							
ARCH 2410 Architecture Design I		I							I
ARCH 2420 Architecture Design II		I							I
ARCH 3410 Architecture Design III	I	E	I					I	E
ARCH 3420 Architecture Design IV	I	E	I					I	E
ARCH 4410 Architecture Design V	E	A	E			I	I	E	A
ARCH 4420 Architecture Design VI	A	A	A			E	E	A	A
ARCH 5110* History of Architecture I		I	I					I	I
ARCH 5120* History of Architecture II		I	I					I	I
ARCH 5190 Architectural Theory I		I	I						
ARCH 5510 Building Construction I	I	I	I	I	I	I	I	I	I
ARCH 5520 Building Construction II	E	E							
ARCH 5610* Representation I									
ARCH 5620 Representation II									
ARCH 5710* Structures I									
ARCH 5810 Systems I	I								

* Indicates required course is a GE.

Critical Thinking and Representation

Required GE Course or Course Type	Communication Skills	Design Thinking Skills	Visual Communication	Technical Documentation	Investigative Skills	Fundamental Design Skills	Use of Precedents	Ordering Systems Skills	Historical Traditions and Global Culture	Cultural Diversity	Applied Research
Writing Level 1											A
Writing Level 2											A
Literature											
MATH 1150											
MATH 1118											
Data Analysis/Architecture Curriculum											
Biological Science											
PHYS 1200 or PHYS 1250											
Social Science 1											
Social Science 2											
Culture & Ideas											
Open Options					/E				/E	/E	

Integrated Building Practices, Technical Skills, and Knowledge

Required GE Course or Course Type	Pre-Design	Accessibility	Sustainability	Site Design	Life Safety	Comprehensive Design	Financial Considerations	Environmental Systems	Structural Systems	Building Envelope Systems	Building Service Systems	Building Materials and Assemblies
Writing Level 1												
Writing Level 2												
Literature												
MATH 1150												
MATH 1118												
Data Analysis/Architecture Curriculum												
Biological Science												
PHYS 1200 or PHYS 1250												
Social Science 1												
Social Science 2												
Culture & Ideas												
Open Options												

Leadership and Practice

Required GE Course or Course Type	Collaboration	Human Behavior	Client Role in Architecture	Project Management	Practice Management	Leadership	Legal Responsibilities	Ethics and Professional Judgment	Community and Social Responsibility
Writing Level 1									
Writing Level 2									
Literature									
MATH 1150									
MATH 1118									
Data Analysis/Architecture Curriculum									
Biological Science									
PHYS 1200 or PHYS 1250									
Social Science 1									
Social Science 2									
Culture & Ideas	I/E	I/E				I/E		I/E	I/E
Open Options	I/E	I/E				I/E		I/E	I/E

9. Rationale for proposed program changes:

The Bachelor of Science in Architecture semester conversion process was simple, because the degree's core curriculum is based on one-year course sequences and these courses are revisited annually. Therefore, in most cases, conversion entailed the redistribution of course material from three quarters to two semesters.

The Architecture Section took the opportunity, however, to reconfigure the distribution of building technology offerings between undergraduate and graduate programs. Previously, a one year structural engineering sequence was required for the BS degree, and a one year sequence in building systems was required for the MArch degree. The semester proposal splits the two sequences so that one semester of each occurs in the undergraduate program and one each in the graduate program. The intention of these revisions is to introduce additional issues of sustainability and a more rounded introduction to related disciplines within the undergraduate curriculum.

10. Council on Academic Affairs reviewers' aid and credit hour expansion check:

Program credit hour requirements:		A.) Number of credit hours in current program	B.) Calculated result for 2/3 of current quarter credit hours	C.) Number of credit hours required for new program
Total minimum credit hours required for completion of program		192	128	131
Required credit hours offered by the unit	Minimum	109	72.7	80
	Maximum			
Required credit hours offered outside of the unit	Minimum	83	55.3	51
	Maximum			
Required prerequisite credit hours not included above	Minimum	0	0	0
	Maximum	0	0	0

11. Credit hour expansion rationale:

The small degree to which the proposed internal and external semester credit hour totals reside outside of the +/- 4 credit hour limit is due to the historically large number of general education credits that are taught within the program (See table on page 3). Since the field of Architecture is inherently interdisciplinary and the requirements of program accreditation are many and varied, a number of the GE requirements have been approved within the curriculum. Architecture GE offerings are not simply Architecture versions of University GE courses; they are designed to meet both University general educational requirements and to contain additional information relevant to Architecture majors.

Under quarters, Architecture had been granted approval to teach 19 credit hours (five courses) of GECs internally. Furthermore, the overall Architecture curriculum was approved as fulfilling the Data Analysis GEC requirement (5 credit hours). Under semesters, those five GE internal courses convert to 15 total credit hours (four classes) within the core Architecture curriculum, plus the Data Analysis GE requirement, worth 3 credit hours under semesters. Adding the Data Analysis credit hours to the internal GE/GEC credit hours, Architecture has provided for the equivalent of 24 credit hours of GECs internally under quarters ($19 + 5 = 24$); a direct conversion to semesters would equal 16 semester credit hours. Under semesters, the proposed curriculum would provide for the equivalent of 18 credit hours of GEs internally ($15 + 3$); a difference of +2 over the converted quarter number. The four internal Architecture GE courses cannot legitimately be taught in fewer than the proposed 15 credit hours.

III. ASSESSMENT CONVERSION

12. Describe how the program's current quarter-based assessment practices will be modified to fit the semester calendar. If a degree program does not have a plan on file with the Office of Academic Affairs, provide a list of the following:

- a. The means the program uses/will use to evaluate how well students are attaining program goals.

The Architecture Section benefits from a continuous and multi-level assessment process.

- **Student Evaluations.** Students must provide University standard evaluations for every course and are encouraged to provide additional written evaluations.
- **Peer Evaluation.** Faculty peer evaluations are an integral part of promotion review, but are also instrumental to assessing the success of particular courses and teaching strategies.
- **Final Reviews.** Public final reviews of student design projects take place at the end of every quarter. Because architecture is a synthetic discipline, these projects are a holistic gauge of student progress. Because jurors are enlisted from other parts of the curriculum and other institutions, a wide constituency judges student progress.
- **Undergraduate and Graduate Chairs.** Undergraduate and Graduate Chairs meet with student representatives on a monthly basis in an open discussion of the life of the school including curriculum. The Chairs also hold exit meetings with all graduating students during their final Spring Quarter.
- **Curriculum Committees.** The Undergraduate and Graduate Curriculum Committees are continually assessing curricular strengths.
- **Executive Meetings.** The Director of the School meets bi-weekly with the Section Heads of Architecture, Landscape Architecture, and City and Regional Planning to discuss the ongoing operation of the school and new initiatives. A central agenda item for these meetings will be semester conversion.
- **Faculty Meetings.** The Section holds monthly faculty meetings and the School holds quarterly meetings that allow for continual assessment.
- **Outside Review.** The University has initiated a program of external review, and the School will be hosting its external review in November of 2010.
- **Advisory Council.** The Director of the School holds semi-annual meetings with the Advisory Council comprised of nine prominent alumni and university leaders.
- **Strategic Plan.** The School's Strategic Plan's six objectives are coupled with specific strategies and initiatives that allow the school's progress to be gauged by all constituencies: administration, faculty, staff, students, and alumni. These strategies and initiatives link the school's progress to the University's Academic Plan and, here, too, semester conversion will be central.
- **National Architectural Accrediting Board (NAAB) Report.** The MArch Program is reviewed every six years by an accreditation team comprised of representatives of academic, professional, and licensing organizations.

- b. How the program uses / will use the evaluation data listed above to periodically make evidence-based improvements to the program.

In as much as the Architecture Section benefits from a multi-level assessment process, it profits from an agile implementation strategy. Necessary changes are agreed upon as the need arises at monthly faculty meetings. Changes are then implemented by the faculty at the beginning of every academic year, and when possible, at the beginning of the following semester.

IV. TRANSITION POLICY

- 13. Include a policy statement from the chair of the department / unit that assures those students who began their degree under quarters that the transition to semesters will not delay their graduation nor disrupt progress toward a degree:**

Students who begin the Bachelor of Science in Architecture program will be able to proceed with progress towards their degree without delay or disruption. Advisors will meet with all students to develop an individualized transition plan at least one year in advance of the semester conversion. Students will be provided with transition plans that ensure courses taken to date will be applied to complete their degree. Where appropriate students may take an independent or group studies course with a faculty member to fulfill any courses which are core requirements under the quarter degree plan, but that will not be available under the semester degree program.

Bachelor of Science in Architecture - Current (quarters-based) Curriculum Advising Sheet

Year 1	Fall	ARCH 100	Survey (or any 100)	1	14
		ARCH 200	Outlines (or Larch 200)	3	
		MATH 150	(determined by placement)	5	
		GEC	(Soc Sci or Biology)	5	
	Winter	MATH	MATH 117	5	15
		PHYS	PHYS 131 or 111	5	
		GEC	(Eng 110 or Soc Sci)	5	
	Spring	ARCH 202	Intro to Basic Design	5	15
		PHYS	PHYS 132 or 112	5	
GEC		(GEC)	5		
Year 2	Autumn	ARCH 241	Architectural Design I	6	18
		ARCH 271	Architectural Graphics I	3	
		ARCH 600	History of Architecture I	4	
		GEC	(GEC)	5	
	Winter	ARCH 242	Architectural Design IV	6	18
		ARCH 272	Architectural Graphics II	3	
		ARCH 601	History of Architecture II	4	
		GEC	(GEC)	5	
	Spring	ARCH 243	Architectural Design IV	6	18
ARCH 273		Architectural Graphics III	3		
ARCH 602		History of Architecture III	4		
GEC		(GEC)	5		
Year 3	Autumn	ARCH 341	Architectural Design IV	6	16
		ARCH 626	Building Construction I	3	
		ARCH 426	Structures I: Introduction	4	
		ELECTIVE	Free Elective	3	
	Winter	ARCH 342	Architectural Design V	6	15
		ARCH 627	Building Construction II	3	
		ARCH 610	Architectural Theory	3	
		ARCH 617	Structures II: Steel	3	
	Spring	ARCH 343	Architectural Design VI	6	15
ARCH 628		Building Construction III	3		
ARCH 618		Structures III: Masonry	3		
ELECTIVE		Architectural Elective	3		
Year 4	Autumn	Arch 441	Architectural Design VII	6	19
		GEC	(GEC)	5	
		ELECTIVE	Directed Elective	5	
		ELECTIVE	Architectural Elective	3	
	Winter	Arch 442	Architectural Design VIII	6	16
		GEC	(GEC)	5	
		ELECTIVE	Free Elective	5	
	Spring	Arch 443	Vertical Design Studio	5	13
		ELECTIVE	Free Elective	5	
ELECTIVE		Directed Elective	5		
ELECTIVE		Architectural Elective	3		
				TOTAL	192

Bachelor of Science in Architecture - New (semesters-based) Curriculum Advising Sheet

Year 1	Autumn	ARCH 1100 ARCH 1210 GE GE MATH	Survey (or any 1100) Outlines of the Built Environment (Writing Level 1) (Social Science 1) MATH 1150	1 3 3 3 5	15
	Spring	ARCH 1410 GE MATH PHYS	Introduction to Design (Culture & Ideas) MATH 1118 PHYS 1200 or 1250	4 3 3 5	15
Year 2	Autumn	ARCH 2410 ARCH 5610 ARCH 5110 GE	Architectural Design I Architectural Representation I History of Architecture I (Writing Level 2)	6 3 4 3	16
	Spring	ARCH 2420 ARCH 5620 ARCH 5120 GE	Architectural Design II Architectural Representation II History of Architecture II (Biological Sciences)	6 3 4 5	18
Year 3	Autumn	ARCH 3410 ARCH 5210 ARCH 5710 ARCH 5510	Architectural Design III Architectural Theory I Structures I Building Construction I	6 3 4 3	16
	Spring	ARCH 3420 ARCH 5810 ARCH 5520 GE GE	Architectural Design IV Systems I Building Construction II (Open Option) (Social Science 2)	6 3 3 3 3	18
Year 4	Autumn	ARCH 4410 ARCH ELECTIVE GE GE GE	Architectural Design V Architectural Elective (Open Option) (Literature) (Open Option)	6 3 3 3 3	18
	Spring	Arch 4420 ARCH ELECTIVE GE GE	Architectural Design VI Architectural Elective (Open Option) (Open Option)	6 3 3 3	15
				TOTAL	131

OAA QUESTIONS AND KSA RESPONSES

OAA question	Section of KSA proposal	Response												
<p>BS: CAA page 5: In regards to the different GEC courses that had been approved for architecture (A-D), we were hoping you could provide the dates of approval. Also, it was my impression that the sequence for historical study would no longer be a sequence under semesters.</p>	<table border="1"> <thead> <tr> <th data-bbox="415 261 491 289">Note</th> <th data-bbox="491 261 1402 289">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="415 289 491 347">A</td> <td data-bbox="491 289 1402 347">Architectural Graphics I (converted to ARCH 5610: Representation I) was approved for Arts GEC credit under quarters.</td> </tr> <tr> <td data-bbox="415 347 491 406">B</td> <td data-bbox="491 347 1402 406">The overall Architecture major curriculum was approved to meet the Data Analysis GEC requirement under quarters.</td> </tr> <tr> <td data-bbox="415 406 491 526">C</td> <td data-bbox="491 406 1402 526">The combination of Introduction to Architectural Structures (ARCH 5710 under semesters) and PHYS 111 or PHYS 131 was approved for Physical Science GEC credit under quarters. Under semesters, the Physics prerequisite for application to the program will be either PHYS 1200 or 1250.</td> </tr> <tr> <td data-bbox="415 526 491 613">D</td> <td data-bbox="491 526 1402 613">Under quarters, the three course Architectural History sequence (a total of 12 credit hours) was approved for History GEC credit for Architecture majors. Under semesters, this sequence converts to two Architectural History courses (a total of 8 credit hours).</td> </tr> <tr> <td data-bbox="415 613 491 641">E</td> <td data-bbox="491 613 1402 641">Language courses are not required by the Section.</td> </tr> </tbody> </table>	Note	Description	A	Architectural Graphics I (converted to ARCH 5610: Representation I) was approved for Arts GEC credit under quarters.	B	The overall Architecture major curriculum was approved to meet the Data Analysis GEC requirement under quarters.	C	The combination of Introduction to Architectural Structures (ARCH 5710 under semesters) and PHYS 111 or PHYS 131 was approved for Physical Science GEC credit under quarters. Under semesters, the Physics prerequisite for application to the program will be either PHYS 1200 or 1250.	D	Under quarters, the three course Architectural History sequence (a total of 12 credit hours) was approved for History GEC credit for Architecture majors. Under semesters, this sequence converts to two Architectural History courses (a total of 8 credit hours).	E	Language courses are not required by the Section.	<p>A: Graphics: February, 1999</p> <p>B: Data Analysis: May, 1999</p> <p>C: Structures and Physics: 1996? (Included in proposal approved in May 1999 as if it had been approved earlier; it was first submitted in 1996.)</p> <p>D: First submitted and approved as a GEC in 1989-90 with course numbers 300-304, 5-3 CH courses:</p> <ul style="list-style-type: none"> • Arch 300 and 301 were combined in 1996 and course numbers were changed to 601-604 (4 @ 3 CH) • 4- 3CH courses were made into 3-4CH courses (a one year sequence). • The current proposal maintains the one year sequence.
Note	Description													
A	Architectural Graphics I (converted to ARCH 5610: Representation I) was approved for Arts GEC credit under quarters.													
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E	Language courses are not required by the Section.													
<p>CAA page 11: The proposal states that formerly one year of structural engineering was required for the BS, and one year of building systems was required for the MArch. However, this will split up into half a year of each in the BS and half a year of each in the MArch. What happens if the student decides to pursue their MArch at another school besides OSU? Will they be behind because they did not receive the full year of structural engineering?</p>	<p>The Architecture Section took the opportunity, however, to reconfigure the distribution of building technology offerings between undergraduate and graduate programs. Previously, a one year structural engineering sequence was required for the BS degree, and a one year sequence in building systems was required for the MArch degree. The semester proposal splits the two sequences so that one semester of each occurs in the undergraduate program and one each in the graduate program. The intention of these revisions is to introduce additional issues of sustainability and a more rounded introduction to related disciplines within the undergraduate curriculum.</p>	<p>Relative to graduate school, the change has no effect.</p> <p>In order to earn the first professional degree (A Master of Architecture for most people) students will have to complete one year of structural engineering and one of mechanical engineering or more, depending on the program they enter.</p> <p>Currently they enter grad school from our program with one year of structures and no Systems; under the current proposal, they will have a half year of each, and will complete a half year of each as graduate students.</p>												

<p>MArch:</p> <p>CAA page 9: The proposal states there is a limit of 96 credit hours, and a constraint of four courses per semester. Could you explain where these limits come from?</p>	<p>10. Credit hour expansion rationale:</p> <p>The Master of Architecture is a professional degree program that is accredited by the National Architectural Accrediting Board (NAAB). Courses are matched with accreditation criteria pages 3-5 of this document. Although the total minimum of credit hours required for the completion of the program remains within the 4 credit hour limit, the required minimum credit hours offered outside the unit falls outside the 4 credit hour limit.</p>	<p>It was our understanding that the proposed curriculum must remain within 2/3rds of the quarter credit hour total, plus a maximum of 4 credit hours.</p> <p>The four courses per semester “constraint” would more appropriately be shown as an advising guideline. Knowing the rigors of the program, students are encouraged not to take more than the recommended course schedule shows.</p>
<p>Also, the proposal states the final course outside of the unit is abandoned because of these limits. Will this loss of content be detrimental to the students?</p>	<p>The distribution of required credit hours offered by the unit and those offered outside the unit does not change in the first two years of the program (the three elective courses offered outside the unit convert to two courses.) During the third year of the program, however, seven required courses must be accommodated as follows:</p> <ul style="list-style-type: none"> • Adv. Arch Design, ARCH 8410, 8420 (two quarter courses become two semester course) • Master Practitioner Seminar, ARCH 8210 (one quarter course becomes one semester course) • Professional Practice, ARCH7310 (two quarter courses become one semester course) • Exit Review Seminar, ARCH 8220 (one quarter course becomes one semester course) • Architectural Electives (two quarter courses become two semester courses) <p>Given the constraint of four courses per semester, or eight courses per year, the seven required courses eliminate the possibility of all but one course outside the unit. This final course outside the unit is abandoned because it increases the total credit hours above the limit of 96 and adds a course during the final semester when a student is producing both a design studio project and an exit review lecture.</p>	<p>Since the Master of Architecture program is a professional degree program, our responsibility is to the professional curriculum. At the same time, students enter the program with undergraduate degrees in many disciplines, and experience many subject areas within the professional curriculum, from technical subject areas to creative work, to critical and cultural inquiry. We feel the loss of one elective subject is not too detrimental given the diversity already present in the curriculum and in the prior experiences students bring to the program.</p>

<p>Both:</p> <p>In regards to both transition policies, we were wondering what the case would be should a student fail a course, dis-enroll from the university, and then re-enroll. When the student re-enrolls, would they have to re-take all of the content (the whole semester)?</p>	<p><u>IV. TRANSITION POLICY</u></p> <p>13. Include a policy statement from the chair of the department / unit that assures the students who began their degree under quarters that the transition to semesters will delay their graduation nor disrupt progress toward a degree:</p> <p>Students who begin the Bachelor of Science in Architecture program will be able to proceed with progress towards their degree without delay or disruption. Advisors will meet with students to develop an individualized transition plan at least one year in advance of the semester conversion. Students will be provided with transition plans that ensure course taken to date will be applied to complete their degree. Where appropriate students may an independent or group studies course with a faculty member to fulfill any courses which are core requirements under the quarter degree plan, but that will not be available under semester degree program.</p>	<p>Similar to what is stated in the transition policy, we believe the individual cases can be handled without a special policy. The Undergraduate and graduate chairs are working with the advising staff currently to ensure that adequate guidelines are in place to allow for proper advising. For students who might need only part of semester long course to complete a program, faculty will have the ability to approve an independent study that would entail a partial taking of the semester-long course.</p>
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